

Anwar M Mirza

List of Publications by Year in descending order

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63
papers

1,024
citations

567144

15
h-index

552653

26
g-index

65
all docs

65
docs citations

65
times ranked

813
citing authors

#	ARTICLE	IF	CITATIONS
1	Fully automated real time fatigue detection of drivers through Fuzzy Expert Systems. Applied Soft Computing Journal, 2014, 18, 25-38.	4.1	93
2	Lattice constant prediction of cubic and monoclinic perovskites using neural networks and support vector regression. Computational Materials Science, 2010, 50, 363-372.	1.4	81
3	Genetic perceptual shaping: Utilizing cover image and conceivable attack information during watermark embedding. Information Fusion, 2007, 8, 354-365.	11.7	74
4	A Review of Digital Watermarking Techniques for Text Documents. , 2009, , .		58
5	Lattice constant prediction of orthorhombic ABO ₃ perovskites using support vector machines. Computational Materials Science, 2007, 39, 627-634.	1.4	52
6	Combination of support vector machines using genetic programming. International Journal of Hybrid Intelligent Systems, 2006, 3, 109-125.	0.9	43
7	Combination and optimization of classifiers in gender classification using genetic programming. International Journal of Knowledge-Based and Intelligent Engineering Systems, 2005, 9, 1-11.	0.7	39
8	Simulation of reactivity transients in current MTRs. Annals of Nuclear Energy, 1998, 25, 1465-1484.	0.9	30
9	Fuzzy entropy based optimization of clusters for the segmentation of lungs in CT scanned images. Knowledge and Information Systems, 2010, 24, 91-111.	2.1	29
10	RACE CLASSIFICATION FROM FACE IMAGES USING LOCAL DESCRIPTORS. International Journal on Artificial Intelligence Tools, 2012, 21, 1250019.	0.7	25
11	Adaptive Digital Watermarking of Images Using Genetic Algorithm. , 2010, , .		22
12	Image forgery detection using multi-resolution Weber local descriptors. , 2013, , .		22
13	A zero-watermarking algorithm for text documents based on structural components. , 2010, , .		21
14	Anisotropic Diffusion based Brain MRI Segmentation and 3D Reconstruction. International Journal of Computational Intelligence Systems, 2012, 5, 494.	1.6	21
15	Word length based zero-watermarking algorithm for tamper detection in text documents. , 2010, , .		18
16	Copy move image forgery detection method using steerable pyramid transform and texture descriptor. , 2013, , .		18
17	Simulation of corrosion product activity in pressurized water reactors under flow rate transients. Annals of Nuclear Energy, 1998, 25, 331-345.	0.9	17
18	Modeling and simulation of corrosion product activity in pressurized water reactors under power perturbations. Annals of Nuclear Energy, 1999, 26, 561-578.	0.9	17

#	ARTICLE	IF	CITATIONS
19	A spatially adaptive grid-refinement approach for the finite element solution of the even-parity Boltzmann transport equation. <i>Annals of Nuclear Energy</i> , 2007, 34, 600-613.	0.9	17
20	Fuzzy c-means clustering with spatial information for color image segmentation. , 2009, , .		17
21	Block-Based Feature-Level Multi-Focus Image Fusion. , 2010, , .		17
22	A hybrid image restoration approach: fuzzy logic and directional weighted median based uniform impulse noise removal. <i>Knowledge and Information Systems</i> , 2010, 24, 77-90.	2.1	15
23	Gender Recognition Using Fusion of Local and Global Facial Features. <i>Lecture Notes in Computer Science</i> , 2013, , 493-502.	1.0	15
24	Rician noise removal from MR images using novel adapted selective non-local means filter. <i>Multimedia Tools and Applications</i> , 2014, 72, 1-19.	2.6	14
25	Intelligent perceptual shaping of a digital watermark: Exploiting Characteristics of human visual system. <i>International Journal of Knowledge-Based and Intelligent Engineering Systems</i> , 2006, 10, 213-223.	0.7	13
26	A zero text watermarking algorithm based on non-vowel ASCII characters. , 2010, , .		13
27	An Invisible Text Watermarking Algorithm using Image Watermark. , 2010, , 147-152.		13
28	Robust and Imperceptible Watermarking of Video Streams for Low Power Devices. <i>Communications in Computer and Information Science</i> , 2009, , 177-184.	0.4	13
29	Robust face recognition using computationally efficient features. <i>Journal of Intelligent and Fuzzy Systems</i> , 2014, 27, 3131-3143.	0.8	12
30	Multi-denoising based impulse noise removal from images using robust statistical features and genetic programming. <i>Multimedia Tools and Applications</i> , 2016, 75, 5887-5916.	2.6	12
31	Text Watermarking Using Combined Image-plus-Text Watermark. , 2010, , .		11
32	Copy-Move Image Forgery Detection Using Multi-Resolution Weber Descriptors. , 2012, , .		11
33	Estimation and optimization based ill-posed inverse restoration using fuzzy logic. <i>Multimedia Tools and Applications</i> , 2014, 69, 1067-1087.	2.6	11
34	GA and Morphology Based Automated Segmentation of Lungs from CT Scan Images. , 2008, , .		10
35	Automatic Fatigue Detection of Drivers through Yawning Analysis. <i>Communications in Computer and Information Science</i> , 2009, , 125-132.	0.4	9
36	Neuro fuzzy and punctual kriging based filter for image restoration. <i>Applied Soft Computing Journal</i> , 2013, 13, 817-832.	4.1	9

#	ARTICLE	IF	CITATIONS
37	Spatially Adaptive Image Restoration Using Fuzzy Punctual Kriging. Journal of Computer Science and Technology, 2007, 22, 580-589.	0.9	8
38	Multi Domain Features Based Classification of Mammogram Images Using SVM and MLP. , 2009, , .		8
39	Genetic programming-based perceptual shaping of a digital watermark in the wavelet domain using Morton scanning. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsueh K'an, 2012, 35, 85-99.	0.6	8
40	A hybrid image restoration approach: Using fuzzy punctual kriging and genetic programming. International Journal of Imaging Systems and Technology, 2007, 17, 224-231.	2.7	7
41	Gender Recognition from Face Images with Dyadic Wavelet Transform and Local Binary Pattern. Lecture Notes in Computer Science, 2012, , 409-419.	1.0	7
42	Category Specific Face Recognition Based on Gender. , 2013, , .		6
43	Discontinuous finite element solutions for neutron transport in X-Y geometry. Annals of Nuclear Energy, 1995, 22, 181-201.	0.9	5
44	Galerkin's finite element formulation of the second-order boundary-value problems. International Journal of Computer Mathematics, 2010, 87, 2032-2042.	1.0	5
45	Image Restoration Using Modified Hopfield Fuzzy Regularization Method. , 2010, , .		5
46	Gender recognition from faces using bandlet and local binary patterns. , 2013, , .		5
47	GENDER RECOGNITION FROM FACE IMAGES WITH DYADIC WAVELET TRANSFORM AND LOCAL BINARY PATTERN. International Journal on Artificial Intelligence Tools, 2013, 22, 1360018.	0.7	5
48	Selection of Accurate and Robust Classification Model for Binary Classification Problems. Communications in Computer and Information Science, 2009, , 161-168.	0.4	4
49	Lungs Nodule Detection by Using Fuzzy Morphology from CT Scan Images. , 2009, , .		4
50	Modified Histogram Based Fuzzy Filter. Lecture Notes in Computer Science, 2009, , 277-284.	1.0	4
51	GA-SVM Based Lungs Nodule Detection and Classification. Communications in Computer and Information Science, 2009, , 133-140.	0.4	4
52	Combining Nearest Neighborhood Classifiers Using Genetic Programming. , 2005, , .		3
53	Performance Analysis of Classifier Fusion Model with Minimum Feature Subset and Rotation of the Dataset. , 2009, , .		3
54	UNSUPERVISED DISCOVERY OF VISUAL FACE CATEGORIES. International Journal on Artificial Intelligence Tools, 2013, 22, 1250029.	0.7	3

#	ARTICLE	IF	CITATIONS
55	Wavelet Based Video Segmentation Using Self Organizing Map Neural Network. , 2009, , .		2
56	Energy Based Coefficient Selection for Digital Watermarking in Wavelet Domain. Communications in Computer and Information Science, 2010, , 260-267.	0.4	2
57	Fuzzy clustering and fuzzy entropy based classification model. , 2010, , .		2
58	Performance of Machine Learning Techniques in Protein Fold Recognition Problem. , 2010, , .		2
59	Digital Image Watermarking Using Multilevel Wavelet Decomposition and Human Visual System. , 2012, , .		2
60	Race recognition using local descriptors. , 2012, , .		2
61	Machine learning and directional switching median-based filter for highly corrupted images. Knowledge and Information Systems, 2013, 36, 557-577.	2.1	2
62	Gender Recognition Using Nonsampled Contourlet Transform and WLD Descriptor. Lecture Notes in Computer Science, 2013, , 373-383.	1.0	2
63	Fuzzy Curvelet Based Fully Automated Segmentation of Brain from MR Images. , 2009, , .		1